

**FERO ENGINEERING**ENVIRONMENTAL ENGINEERING & CONSULTING

December 11, 2012

Mr. David Young
California Regional Water Quality Control Board
Los Angeles Region
Site Cleanup Program
320 West 4th Street, Suite 200
Los Angeles, California 90013

Indoor Air Sampling Report Fall 2012
Continental Heat Treating
10643 Norwalk Boulevard, Santa Fe Springs, California
(Site Id. No. 204GW00, SCP No. 1057)

Dear Mr. Young:

Fero Environmental Engineering, Inc. (Fero) conducted the first round of indoor air sampling (Fall Event) at the subject site ("Site") on October 29, 2012. The sampling was conducted consistent with Fero's *Additional Subsurface Work Plan, Continental Heat Treating, 10643 Norwalk Boulevard, Santa Fe Springs, California (Site Id. No. 204GW00, SCP No. 1057)* ("Work Plan"), dated April 13, 2012 and the Los Angeles Regional Water Quality Control Board's (RWQCB), *Approval of Work Plan for Additional Subsurface Investigation and Indoor Air Sampling Pursuant to California Water Code Section 13267 Order* ("Approval"), dated May 14, 2012.

Indoor Vapor Sampling

As discussed in the Work Plan, Fero conducted indoor air sampling at the Site consistent with the Department of Toxic Substances Control, *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air* (Guidance), dated October 2011. Prior to conducting the sampling, a Building Survey Form (Appendix L of the Guidance) was completed to denote time, date, sample location, sample identification number, and weather conditions. No variations in the conditions at the Site were observed upon sample retrieval. A copy of the completed Building Survey Form is included as Attachment A. Current operations at the Site do not use the chemicals of concern, primarily PCE and other lesser chlorinate ethenes. The sampling was conducted under typical operating conditions for the facility including heating and ventilation operation and ingress and egress activities.

Five canisters were placed inside the building space and three were placed outdoors. In compliance with the Guidance, the indoor canisters collected air samples from the recommended standard breathing height for an adult of 3 to 5 feet off the floor within the office space and work area and the

outdoor air samplers were placed at 6 feet above grade. All of the sampling locations are indicated on Figure 1.

The outdoor air samples were collected from an upwind location and the sampling locations were located away from gasoline stations, automobiles, gas powered engines, fuel and oil storage tanks, and chemical storage areas. The outdoor canisters were located at least 10 feet beyond tree drip lines at a distance twice that of the building height with exception to the sample located in the northeast corner of the site (#4439). The drip line requirement was achieved when installing canister #4439 however, there was no safe place to leave the canister at or beyond two building heights from the building. That canister was placed as far northeast on the property as practical.

The samples were collected in appropriately sized SUMMA canisters fitted with flow control regulators that were calibrated to collect air samples over a period of 24 hours by Air Technology Laboratories, Inc. ("ATL") located at 18501 E. Gale Avenue, Suite 130 in the City of Industry, California 91748. Fero secured the SUMMA canisters at their respective sampling locations (indicated on Figure 1) on October 29, 2012. Once the sampling canisters were placed, the sampling valves were all opened sequentially starting at 1:02 p.m. with the first canister and ending at 1:10 p.m. with the last canister. On October 30, 2012, Fero returned to the Site 24 hours after canister installation and sequentially closed all the valves to the canisters and collected the canisters.

The sample canisters were immediately placed in cardboard boxes and transported for analysis to ATL accompanied by appropriate Chain-of-Custody documentation for analysis. ATL analyzed the air samples using the selective ion mode (SIM) detector and EPA Method TO-15 to achieve detection limits for evaluation using the California Human Health Screening Levels (CHHSLs) for indoor air samples. Air VOC analytical results from this event are summarized in Table 1. The first five canisters listed in Table 1 were located inside the onsite building. The last three canisters (in bold) were located outside the building at "background" locations. Applicable California Human Health Screening Levels (CHHSLs) from the California Environmental Protection Agency and Acute and Chronic Reference Exposure Levels (RELs) from the California Office of Environmental Health Hazard Assessment (OEHHA), dated December 18, 2008 are reported at the top of the Table 1. Laboratory analytical reports with associated chain-of-custody documentation are attached hereto as Attachment B.

Conclusions

ATL reports the concentrations of 29 compounds of concern ("COC") on its list of EPA Method TO15 SIM analytes. Eighteen of those analytes occurred at or above the compound's respective reportable limit. Table 1 summarizes the concentrations of the compounds identified in the SUMMA canisters used for this sampling event. Except for cis1,2-Dichloroethene, all of the COCs in Table 1 occurred at comparable concentrations in both the indoor and outdoor samples. Three compounds (carbon tetrachloride, benzene and tetrachloroethylene) were detected at concentrations that exceeded their respective CHHSLs in both indoor and outdoor or background samples. All of the compounds detected inside and outside were well below their respective acute and chronic RELs which are provided on Table 1 for comparison. The OEHHA chronic REL values are, "designed to address continuous exposure for up to a lifetime: the exposure metric used is the annual average

exposure". The concentrations reported for COCs in air samples within and outside of the buildings of the Site do not represent an unacceptable risk to Site occupants above background for the area of the Site.

The next sampling event (Spring Event) will likely occur sometime during April 2013. Should you have any questions regarding the content of this Indoor Air Sampling Report, please do not hesitate to call the undersigned at (714) 256-2737.

Respectfully,
Fero Environmental Engineering, Inc.

Rick L. Fero, P.E.
President



RLF: jbp
[758IndoorAirSampRpt1212]

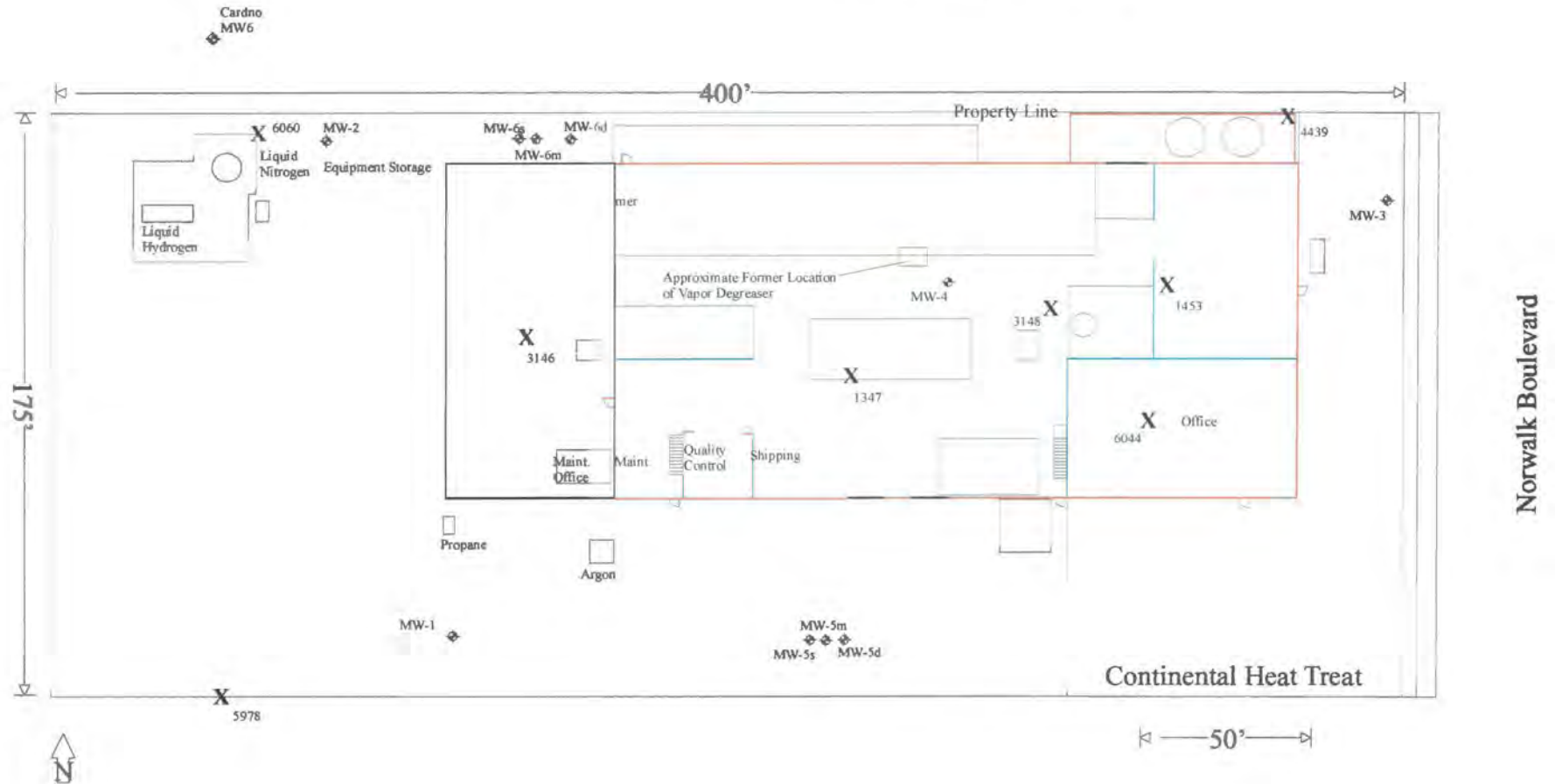
Table 1
Summary of Air Analyses
Continental Heat Treating
10643 Norwalk Boulevard, Santa Fe Springs, California
(Site Id. No. 204GW00, SCP No. 1057)
(µg/m³)

| Exposure Levels | DCFM | ChlM | ChlE | TCFM | Freon | MCI | DCE | ChlF | TCA | CTet | Benzene | DCA | TCE | Toluene | PCE | EBen | Xylenes | Styrene | |
|-----------------|----------|-------|-------|-------|-------|--------|------|-----------|-------|-----------|---------|---------|---------|---------|---------|-------|---------|---------|---------|
| CHHSLs (Ind) | — | — | — | — | — | — | 51.1 | — | 3,210 | 0.09 | 0.14 | 0.19 | 2.04 | 438 | 0.693 | — | 1,020 | — | |
| Acute RELs | — | — | — | — | — | 14,000 | — | 150 | — | 1,900 | 1,300 | — | — | 37,000 | 20,000 | — | 2,200 | 21,000 | |
| Chronic RELs | — | — | — | — | — | 400 | — | 300 | — | 40 | 60 | — | 600 | 300 | 35 | 2,000 | 700 | — | |
| Reporting Limit | 0.049 | 0.021 | 0.026 | 0.11 | 0.15 | 0.17 | 0.04 | 0.049 | 0.055 | 0.063 | 0.16 | 0.04 | 0.054 | 0.075 | 0.068 | 0.087 | 0.087 | 0.085 | |
| Canister# | Date | DCFM | ChlM | ChlE | TCFM | Freon | MCI | c-1,2-DCE | ChlF | 1,1,1-TCA | CTet | Benzene | 1,2-DCA | TCE | Toluene | PCE | EBen | Xylenes | Styrene |
| 1453 | 10/29/12 | 2.5 | 1.3 | ND | 1.4 | 0.64 | 1.2 | 0.071 | 0.38 | 0.15 | 0.59 | 6.0 | 0.13 | 0.37 | 11 | 3.8 | 1.6 | 9.4 | 1.2 |
| 3148 | 10/29/12 | 2.5 | 1.2 | ND | 1.3 | 0.63 | 1.2 | ND | 0.38 | 0.13 | 0.57 | 6.0 | 0.11 | 0.27 | 11 | 0.73 | 1.4 | 8.3 | 1.2 |
| 6044 | 10/29/12 | 2.5 | 1.4 | ND | 1.3 | 0.65 | 1.4 | ND | 0.41 | 0.13 | 0.59 | 3.9 | 0.15 | 0.31 | 11 | 0.73 | 1.5 | 8.7 | 4.5 |
| 1347 | 10/29/12 | 2.6 | 1.7 | 0.038 | 1.3 | 0.64 | 1.2 | ND | 0.38 | 0.13 | 0.58 | 3.7 | 0.12 | 0.28 | 11 | 0.42 | 1.4 | 8.2 | 1.1 |
| 3146 | 10/29/12 | 2.5 | 1.3 | ND | 1.4 | 0.64 | 1.2 | ND | 0.35 | 0.12 | 0.57 | 3.2 | 0.13 | 0.27 | 10 | 0.51 | 1.3 | 8.4 | 1.2 |
| 4439 | 10/29/12 | 2.6 | 1.3 | ND | 1.4 | 0.65 | 1.2 | ND | 0.37 | 0.17 | 0.59 | 3.1 | 0.12 | 0.23 | 12 | 0.39 | 1.6 | 9.9 | 1.1 |
| 6060 | 10/29/12 | 2.6 | 1.3 | 0.027 | 1.4 | 0.66 | 1.2 | ND | 0.37 | 0.13 | 0.59 | 2.9 | 0.15 | 0.26 | 10 | 1.2 | 1.4 | 8.7 | 1.0 |
| 5978 | 10/29/12 | 2.8 | 1.5 | ND | 1.4 | 0.62 | 1.3 | ND | 0.36 | 0.11 | 0.59 | 2.8 | 0.14 | 0.28 | 11 | 0.40 | 1.4 | 8.5 | 1.0 |

CHHSLs-California Human Health Screening Levels, RELs- Reference Exposure Levels from the Office of Environmental Health Hazard Assessment (OEHH), ND = Not Detected at Reporting Level
DCFM – Dichlorodifluoromethane (12), ChlM - Chloromethane, ChlE- Chloroethane, TCFM –Trichlorofluoromethane, Freon-1,1,2-Cl 1,2,2-F ethane (113), MCI – Methylene Chloride, DCE- c-1,2-Dichloroethene
ChlF – Chloroform, 1,1,1-TCA- 1,1,1—Trichloroethane, CTet- Carbon Tetrachloride, DCA- 1,2-Dichloroethane, TCE- Trichloroethene, PCE- Tetrachloroethene, EBen- Ethylbenzene

Note: Bottom three canisters in bold on the Table were located outside (background samples)

Former Jalk Fee Property



Legend

- ◆ - Groundwater Monitoring Well
- X - Summa Canister Sampling Locations



FERO ENGINEERING
ENVIRONMENTAL ENGINEERING & CONSULTING

Summa Canister Locations
Continental Heat Treating, Inc.
(10/29/12)

10643 South Norwalk Boulevard
Santa Fe Springs, California

Base Map Source: Trilogy Regulatory Services

ATTACHMENT A

Building Survey Form

APPENDIX L - BUILDING SURVEY FORM

Preparer's Name: John Petersen Date/Time Prepared: 12:20
Affiliation: Fero Eng. Phone Number: 714 256 2737

Occupant Information

Occupant Name: Continental Heat Treating Interviewed: ☒ Yes ☐ No
Mailing Address: 10643 S. Norwalk Blvd
City: Santa Fe Springs State: CA Zip Code: _____
Phone: _____ Email: _____

Owner/Landlord Information (Check if same as occupant ☒)

Occupant Name: Continental Heat Treating Interviewed: ☒ Yes ☐ No
Mailing Address: 10643 S. Norwalk Blvd
City: Santa Fe Springs State: CA Zip Code: 90670
Phone: 562 944 8808 Email: jcastell@continentalht.com

Building Type (Check appropriate boxes)

☐ Residential ☐ Residential Duplex ☐ Apartment Building ☐ Mobile Home ☐ Commercial (office)
☐ Commercial (warehouse) ☒ Industrial ☐ Strip Mall ☐ Split Level ☐ Church ☐ School

Building Characteristics

Approximate Building Age (years): 1969 Number of Stories: 1
Approximate Building Area (square feet): 28,000 Ft² Number of Elevators: 0

Foundation Type (Check appropriate boxes)

☒ Slab-on-Grade ☐ Crawl Space ☐ Basement

Basement Characteristics (Check appropriate boxes)

☐ Dirt Floor ☐ Sealed ☐ Wet Surfaces ☐ Sump Pump ☐ Concrete Cracks ☐ Floor Drains

Factors Influencing Indoor Air Quality

| | | |
|--|---|-----------------|
| Is there an attached garage? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Is there smoking in the building? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Is there new carpet or furniture? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Describe: _____ |
| Have clothes or drapes been recently dry cleaned? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Describe: _____ |
| Has painting or staining been done with the last six months? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Describe: _____ |
| Has the building been recently remodeled? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Describe: _____ |
| Has the building ever had a fire? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Is there a hobby or craft area in the building? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Describe: _____ |
| Is gun cleaner stored in the building? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Is there a fuel oil tank on the property? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Is there a septic tank on the property? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Has the building been fumigated or sprayed for pests recently? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Describe: _____ |
| Do any building occupants use solvents at work? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Describe: _____ |

Sampling Locations

Draw the general floor plan of the building and denote locations of sample collection. Indicate locations of doors, windows, indoor air contaminant sources and field instrument readings.

see Figure I. (Attached)

Primary Type of Energy Used (Check appropriate boxes)

☒ Natural Gas ☐ Fuel Oil ☐ Propane ☐ Electricity ☐ Wood ☐ Kerosene

Meteorological Conditions

Describe the general weather conditions during the indoor air sampling event.

Clear 77°, NO clouds, sl. North easterly

General Comments

Provide any other information that may be of importance in understanding the indoor air quality of this building.

ATTACHMENT B

Air Technology Laboratory Report

November 7, 2012

Fero Environmental Engineering, Inc.
ATTN: John Petersen
431 W. Lambert Rd., #305
Brea, CA 92821



ADE-1461
EPA Methods TO-3,
TO14A, TO15 SIM & Scan,
ASTM D1946



LA Cert 04140
EPA Methods TO3, TO14A, TO15, 25C/3C,
RSK-175
TX Cert T104704450-09-TX
EPA Methods TO14A, TO15

LABORATORY TEST RESULTS

Project Reference: Continental Heat Treating; 12-758
Lab Number: D103005-01/08

Enclosed are results for sample(s) received 10/30/12 by Air Technology Laboratories. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- Unless otherwise noted in the report, sample analyses were performed within method performance criteria and meet all requirements of the NELAC Standards.
- The enclosed results relate only to the sample(s).

Results were e-mailed to John Petersen on 11/07/12.

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mark Johnson".

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Note: The cover letter is an integral part of this analytical report.

Client: Fero Environmental Engineering
 Attn: John Petersen
 Project Name: Continental Heat Treating
 Project No.: 12-758
 Date Received: 10/30/12
 Matrix: Air
 Reporting Units: ug/m3

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 D103005

| EPA Method TO15 SIM | | | | | | | | |
|-------------------------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|
| Lab No.: | D103005-01 | | D103005-02 | | D103005-03 | | D103005-04 | |
| Client Sample I.D.: | Canister #4439 | | Canister #1453 | | Canister #3148 | | Canister #6044 | |
| Date Sampled: | 10/29/12 | | 10/29/12 | | 10/29/12 | | 10/29/12 | |
| Date Analyzed: | 11/01/12 | | 11/01/12 | | 11/01/12 | | 11/01/12 | |
| QC Batch No.: | 121101MS2A2 | | 121101MS2A2 | | 121101MS2A2 | | 121101MS2A2 | |
| Analyst Initials: | DT | | DT | | DT | | DT | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| ANALYTE | Result ug/m3 | RL ug/m3 | Result ug/m3 | RL ug/m3 | Result ug/m3 | RL ug/m3 | Result ug/m3 | RL ug/m3 |
| Dichlorodifluoromethane (12) | 2.6 | 0.049 | 2.5 | 0.049 | 2.5 | 0.049 | 2.5 | 0.049 |
| Chloromethane | 1.3 | 0.021 | 1.3 | 0.021 | 1.2 | 0.021 | 1.4 | 0.021 |
| Vinyl Chloride | ND | 0.013 | ND | 0.013 | ND | 0.013 | ND | 0.013 |
| Chloroethane | ND | 0.026 | ND | 0.026 | ND | 0.026 | ND | 0.026 |
| Trichlorofluoromethane (11) | 1.4 | 0.11 | 1.4 | 0.11 | 1.3 | 0.11 | 1.3 | 0.11 |
| 1,1,2-Cl 1,2,2-F ethane (113) | 0.65 | 0.15 | 0.64 | 0.15 | 0.63 | 0.15 | 0.65 | 0.15 |
| 1,1-Dichloroethene | ND | 0.020 | ND | 0.020 | ND | 0.020 | ND | 0.020 |
| Methylene Chloride | 1.2 | 0.17 | 1.2 | 0.17 | 1.2 | 0.17 | 1.4 | 0.17 |
| t-1,2-Dichloroethene | ND | 0.040 | ND | 0.040 | ND | 0.040 | ND | 0.040 |
| 1,1-Dichloroethane | ND | 0.040 | ND | 0.040 | ND | 0.040 | ND | 0.040 |
| c-1,2-Dichloroethene | ND | 0.040 | 0.071 | 0.040 | ND | 0.040 | ND | 0.040 |
| Chloroform | 0.37 | 0.049 | 0.38 | 0.049 | 0.38 | 0.049 | 0.41 | 0.049 |
| 1,1,1-Trichloroethane | 0.17 | 0.055 | 0.15 | 0.055 | 0.13 | 0.055 | 0.13 | 0.055 |
| Carbon Tetrachloride | 0.59 | 0.063 | 0.59 | 0.063 | 0.57 | 0.063 | 0.59 | 0.063 |
| Benzene | 3.1 | 0.16 | 6.0 | 0.16 | 6.0 | 0.16 | 3.9 | 0.16 |
| 1,2-Dichloroethane | 0.12 | 0.040 | 0.13 | 0.040 | 0.11 | 0.040 | 0.15 | 0.040 |
| Trichloroethene | 0.23 | 0.054 | 0.37 | 0.054 | 0.27 | 0.054 | 0.31 | 0.054 |
| 1,2-Dichloropropane | ND | 0.092 | ND | 0.092 | ND | 0.092 | ND | 0.092 |
| Bromodichloromethane | ND | 0.067 | ND | 0.067 | ND | 0.067 | ND | 0.067 |
| Toluene | 12 | 0.075 | 11 | 0.075 | 11 | 0.075 | 11 | 0.075 |
| t-1,3-Dichloropropene | ND | 0.045 | ND | 0.045 | ND | 0.045 | ND | 0.045 |
| 1,1,2-Trichloroethane | ND | 0.055 | ND | 0.055 | ND | 0.055 | ND | 0.055 |
| Tetrachloroethene | 0.39 | 0.068 | 3.8 | 0.068 | 0.73 | 0.068 | 0.73 | 0.068 |
| 1,2-Dibromoethane | ND | 0.15 | ND | 0.15 | ND | 0.15 | ND | 0.15 |
| Ethylbenzene | 1.6 | 0.087 | 1.6 | 0.087 | 1.4 | 0.087 | 1.5 | 0.087 |
| p,&m-Xylene | 7.2 | 0.087 | 6.8 | 0.087 | 6.0 | 0.087 | 6.2 | 0.087 |
| o-Xylene | 2.7 | 0.087 | 2.6 | 0.087 | 2.3 | 0.087 | 2.5 | 0.087 |
| Styrene | 1.1 | 0.085 | 1.2 | 0.085 | 1.2 | 0.085 | 4.5 | 0.085 |
| 1,1,2,2-Tetrachloroethane | ND | 0.14 | ND | 0.14 | ND | 0.14 | ND | 0.14 |

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: _____

Operations Manager

Date _____

The cover letter is an integral part of this analytical report



AirTECHNOLOGY Laboratories, Inc.

page 1 of 1

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Client: Fero Environmental Engineering
 Attn: John Petersen
 Project Name: Continental Heat Treating
 Project No.: 12-758
 Date Received: 10/30/12
 Matrix: Air
 Reporting Units: ug/m3

Page 3 of 4
 D103005

| EPA Method TO15 SIM | | | | | | | | |
|-------------------------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|
| Lab No.: | D103005-05 | | D103005-06 | | D103005-07 | | D103005-08 | |
| Client Sample I.D.: | Canister #1347 | | Canister #3146 | | Canister #6060 | | Canister #5978 | |
| Date Sampled: | 10/29/12 | | 10/29/12 | | 10/29/12 | | 10/29/12 | |
| Date Analyzed: | 11/01/12 | | 11/01/12 | | 11/01/12 | | 11/02/12 | |
| QC Batch No.: | 121101MS2A2 | | 121101MS2A2 | | 121101MS2A2 | | 121101MS2A2 | |
| Analyst Initials: | DT | | DT | | DT | | DT | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| ANALYTE | Result ug/m3 | RL ug/m3 | Result ug/m3 | RL ug/m3 | Result ug/m3 | RL ug/m3 | Result ug/m3 | RL ug/m3 |
| Dichlorodifluoromethane (12) | 2.6 | 0.049 | 2.5 | 0.049 | 2.6 | 0.049 | 2.8 | 0.049 |
| Chloromethane | 1.7 | 0.021 | 1.3 | 0.021 | 1.3 | 0.021 | 1.5 | 0.021 |
| Vinyl Chloride | ND | 0.013 | ND | 0.013 | ND | 0.013 | ND | 0.013 |
| Chloroethane | 0.038 | 0.026 | ND | 0.026 | 0.027 | 0.026 | ND | 0.026 |
| Trichlorofluoromethane (11) | 1.3 | 0.11 | 1.4 | 0.11 | 1.4 | 0.11 | 1.4 | 0.11 |
| 1,1,2-Cl 1,2,2-F ethane (113) | 0.64 | 0.15 | 0.64 | 0.15 | 0.66 | 0.15 | 0.62 | 0.15 |
| 1,1-Dichloroethene | ND | 0.020 | ND | 0.020 | ND | 0.020 | ND | 0.020 |
| Methylene Chloride | 1.2 | 0.17 | 1.2 | 0.17 | 1.2 | 0.17 | 1.3 | 0.17 |
| t-1,2-Dichloroethene | ND | 0.040 | ND | 0.040 | ND | 0.040 | ND | 0.040 |
| 1,1-Dichloroethane | ND | 0.040 | ND | 0.040 | ND | 0.040 | ND | 0.040 |
| c-1,2-Dichloroethene | ND | 0.040 | ND | 0.040 | ND | 0.040 | ND | 0.040 |
| Chloroform | 0.38 | 0.049 | 0.35 | 0.049 | 0.37 | 0.049 | 0.36 | 0.049 |
| 1,1,1-Trichloroethane | 0.13 | 0.055 | 0.12 | 0.055 | 0.13 | 0.055 | 0.11 | 0.055 |
| Carbon Tetrachloride | 0.58 | 0.063 | 0.57 | 0.063 | 0.59 | 0.063 | 0.59 | 0.063 |
| Benzene | 3.7 | 0.16 | 3.2 | 0.16 | 2.9 | 0.16 | 2.8 | 0.16 |
| 1,2-Dichloroethane | 0.12 | 0.040 | 0.13 | 0.040 | 0.15 | 0.040 | 0.14 | 0.040 |
| Trichloroethene | 0.28 | 0.054 | 0.27 | 0.054 | 0.26 | 0.054 | 0.28 | 0.054 |
| 1,2-Dichloropropane | ND | 0.092 | ND | 0.092 | ND | 0.092 | ND | 0.092 |
| Bromodichloromethane | ND | 0.067 | ND | 0.067 | ND | 0.067 | ND | 0.067 |
| Toluene | 11 | 0.075 | 10 | 0.075 | 10 | 0.075 | 11 | 0.075 |
| t-1,3-Dichloropropene | ND | 0.045 | ND | 0.045 | ND | 0.045 | ND | 0.045 |
| 1,1,2-Trichloroethane | ND | 0.055 | ND | 0.055 | ND | 0.055 | ND | 0.055 |
| Tetrachloroethene | 0.42 | 0.068 | 0.51 | 0.068 | 1.2 | 0.068 | 0.40 | 0.068 |
| 1,2-Dibromoethane | ND | 0.15 | ND | 0.15 | ND | 0.15 | ND | 0.15 |
| Ethylbenzene | 1.4 | 0.087 | 1.3 | 0.087 | 1.4 | 0.087 | 1.4 | 0.087 |
| p,&m-Xylene | 6.0 | 0.087 | 5.9 | 0.087 | 6.3 | 0.087 | 6.1 | 0.087 |
| o-Xylene | 2.2 | 0.087 | 2.5 | 0.087 | 2.4 | 0.087 | 2.4 | 0.087 |
| Styrene | 1.1 | 0.085 | 1.2 | 0.085 | 1.0 | 0.085 | 1.0 | 0.085 |
| 1,1,2,2-Tetrachloroethane | ND | 0.14 | ND | 0.14 | ND | 0.14 | ND | 0.14 |

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: _____

Operations Manager

Date: 11/6/12

The cover letter is an integral part of this analytical report



AirTECHNOLOGY Laboratories, Inc.

page 1 of 1

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

QC Batch #: 121101MS2A2

Matrix: Air

EPA Method TO-15 SIM

| Lab No: | Method Blank | | LCS | | LCSD | | | | | | |
|-----------------------|--------------|--------------|-------------|-------|-------------|-------|--------|----------|-----------|----------|-----------|
| Date Analyzed: | 11/01/12 | | 11/01/12 | | 11/01/12 | | | | | | |
| Data File ID: | 01NOV021.D | | 01NOV019.D | | 01NOV020.D | | | | | | |
| Analyst Initials: | DT | | DT | | DT | | | | | | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | | | | | |
| | | | | | | | Limits | | | | |
| ANALYTE | Result pptv | Spike Amount | Result pptv | % Rec | Result pptv | % Rec | RPD | Low %Rec | High %Rec | Max. RPD | Pass/Fail |
| Vinyl Chloride | 0.0 | 500 | 597 | 119 | 578 | 116 | 3.2 | 70 | 130 | 30 | Pass |
| 1,1-Dichloroethene | 0.0 | 500 | 512 | 102 | 503 | 101 | 1.8 | 70 | 130 | 30 | Pass |
| 1,1,1-Trichloroethane | 0.0 | 500 | 550 | 110 | 538 | 108 | 2.2 | 70 | 130 | 30 | Pass |
| Benzene | 16.1 | 500 | 445 | 89 | 434 | 87 | 2.6 | 70 | 130 | 30 | Pass |
| Trichloroethene | 0.0 | 500 | 464 | 93 | 454 | 91 | 2.3 | 70 | 130 | 30 | Pass |
| Tetrachloroethene | 0.0 | 500 | 446 | 89 | 453 | 91 | 1.7 | 70 | 130 | 30 | Pass |

Reviewed/Approved By:


 Mark Johnson
 Operations Manager

Date:

11/6/12

The cover letter is an integral part of this analytical report





TECHNOLOGY
Laboratories, Inc.

18501 E. Gale Ave., Suite 130
City of Industry, CA 91748
Ph: 626-964-4032
Fx: 626-964-5832

Project No.: 12-758
Project Name: Continental Heat Treating
Report To: Fero Engineering
Company: 431 W. Lambert Rd #305
Street:
City/State/Zip: Brea, CA 92821
Phone & Fax: 714 256 2737 / 256 1505
e-mail: feroeng@aol.com

CHAIN OF CUSTODY RECORD

| TURNAROUND TIME | | DELIVERABLES | PAGE: 1 OF 1 |
|--|-----------------------------------|----------------------------------|--|
| Standard <input checked="" type="checkbox"/> | 48 hours <input type="checkbox"/> | EDD <input type="checkbox"/> | Condition upon receipt: Sealed Yes <input type="checkbox"/> No <input type="checkbox"/> Intact Yes <input type="checkbox"/> No <input type="checkbox"/> Chilled _____ deg C |
| Same Day <input type="checkbox"/> | 72 hours <input type="checkbox"/> | EDF <input type="checkbox"/> | |
| 24 hours <input type="checkbox"/> | 96 hours <input type="checkbox"/> | LEVEL 3 <input type="checkbox"/> | |
| Other: | | LEVEL 4 <input type="checkbox"/> | |

| BILLING | ANALYSIS REQUEST |
|---------------------|------------------|
| P.O. No.: 12-758 | VOCs TO 15 SIM |
| Bill to: Fero Eng. | |
| 431 W. Lambert #305 | |
| Brea, CA 92821 | |

| LAB USE ONLY | SAMPLE IDENTIFICATION | SAMPLE DATE | SAMPLE START TIME | MATRIX | CONTAINER TYPE | | | | | | |
|--------------|-----------------------|-------------|-------------------|--------|----------------|---|--|--|--|--|--|
| D103005-01 | Canister # 4439 | 10/21/12 | 1:02P | Air | SM6L | X | | | | | |
| -02 | " # 1453 | | 1:05P | | | X | | | | | |
| -03 | " # 3148 | | 1:06P | | | X | | | | | |
| -04 | " # 6044 | | 1:07P | | | X | | | | | |
| -05 | " # 1347 | | 1:06P | | | X | | | | | |
| -06 | " # 3146 | | 1:09P | | | X | | | | | |
| -07 | " # 6060 | | 1:10P | | | X | | | | | |
| ✓ -08 | " # 5978 | ✓ | 1:10P | ✓ | ✓ | X | | | | | |
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|-------------------------------|--|-------------|-----------------|----------|
| AUTHORIZATION TO PERFORM WORK | | COMPANY | DATE/TIME | COMMENTS |
| SAMPLED BY | | Fero Eng | 10/30/12 1:50P | |
| RELINQUISHED BY | | Fero Eng | 10/30/12 1:50PM | |
| RELINQUISHED BY | | RECEIVED BY | DATE/TIME | |
| RELINQUISHED BY | | RECEIVED BY | DATE/TIME | |
| RELINQUISHED BY | | RECEIVED BY | DATE/TIME | |

METHOD OF TRANSPORT (circle one): Walk-In FedEx UPS Courier ATLI Other _____